

AMENDMENTS TO THE SPECIFICATION

Please amend the title of the application as follows:

METHOD FOR SUPERVISING NETWORK CONNECTION AND ELECTRONIC
EQUIPMENT

Please cancel the Abstract and replace with the attached substitute Abstract. Attached is also an annotated sheet showing changes.

Please replace the paragraph beginning at page 2, line 14 with the following amended paragraph.

Meanwhile, if, on power up, the AV apparatus has not been connected to the network cable, and the OS is a non-event-driven OS, such as ~~Linux~~ LINUX (Registered Trademark), there is not provided a system message, such as is provided in the OS of the event driven system. Thus, in order for the user application to capture the event of the connection to the network cable, the user application has to be carrying out the polling at all times. That is, as disclosed in the Japanese Laid-Open Patent Publication 2002-300176, the bus line has to monitor a bus line at stated intervals and corresponding processing is carried out on occurrence of an event of connection of the network cable.

Please replace the paragraph beginning at page 6, line 1 with the following amended paragraph.

Fig.1 is a block diagram showing a network depicting the state of connecting a cable of the Ethernet(~~Registered Trademark~~) to an AV apparatus.

Please replace the paragraph beginning at page 6, line 4 with the following amended paragraph.

Fig.1 shows the state in which an AV (audio and visual) apparatus according to the present invention has been connected to a network, and specifically shows a case in which a cable of the

Ethernet-~~(Registered Trademark)~~ is connected to an AV apparatus having ~~Linux~~ LINUX
(Registered Trademark) installed as OS.

Please replace the paragraph beginning at page 6, line 10 with the following amended paragraph.

The AV apparatus 10, connected to the network 20, includes, as hardware, a connector jack 11 for the Ethernet-~~(Registered Trademark)~~, an access controller 12 and a micro-computer 13 for system control. In this case, a LAN (Local Area Network) cable 22, connecting the AV apparatus 10 to the network 20, is connected to the connector jack 11, as will be explained in detail subsequently.

Please replace the paragraph beginning at page 6, line 15 with the following amended paragraph.

The access controller 12 is connected across the connector jack 11 and the micro-computer 13 to execute protocol processing necessary for connection for the Ethernet-~~(Registered Trademark)~~ under control by a device driver as later explained. The access controller 12 also has the function of detecting a bit string, sent from the network 20, and of notifying, in case the bit string has become available or in case the bit string has become unavailable, the available state or the unavailable state of the bit string to the micro-computer 13 by hardware interrupt.

Please replace the paragraph beginning at page 7, line 8 with the following amended paragraph.

In this case, the kernel 14 may, for example, be the Kernel12.4 of the ~~Linux~~ LINUX
(Registered Trademark). The network device driver 15 controls the access controller 12 to enable data accessing for the network 20. The network device driver 15 includes a link detection block 19 for detecting whether or not the access controller 12 has been linked in signal communication relationship to the network 20.

Please replace the paragraph beginning at page 7, line 20 with the following amended paragraph.

In the embodiment shown in Fig.1, the network 20 is configured as follows: That is, a connector plug 21, associated with the connector jack 11, is connected to a LAN cable 22, which LAN cable 22 is connected to a broadband router 23. This broadband router 23 includes a port of the Ethernet-~~(Registered Trademark)~~ and a port of the ADSL (Asymmetric Digital Subscriber Line) modem, in a manner not shown. The broadband router 23 is connected over a telephone network 24 to an ISP (Internet Service Provider) 25, in accordance with the ADSL system, while being connected over the Internet 26 to a DHCP server 27.